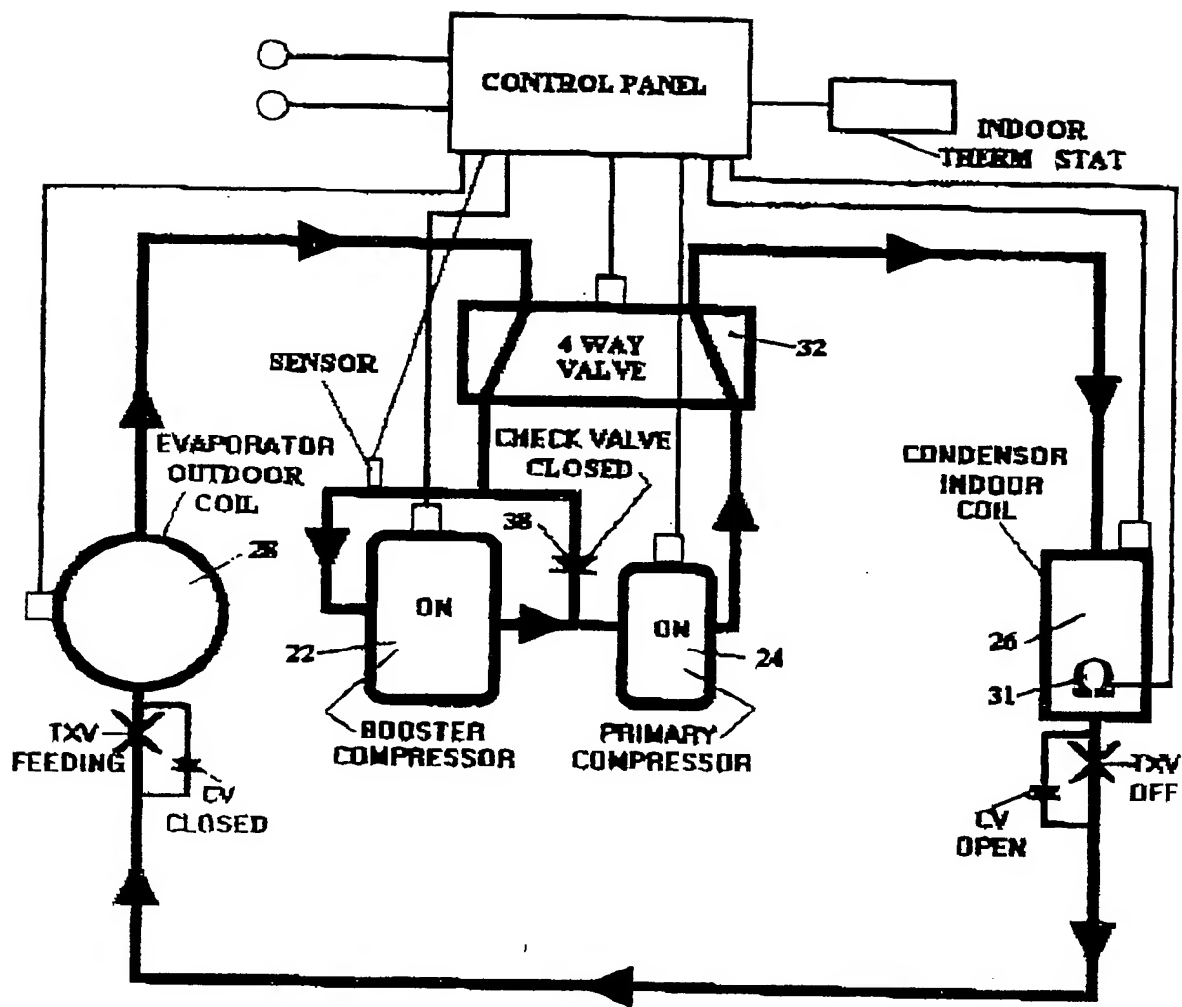


MILD HEATING MODES

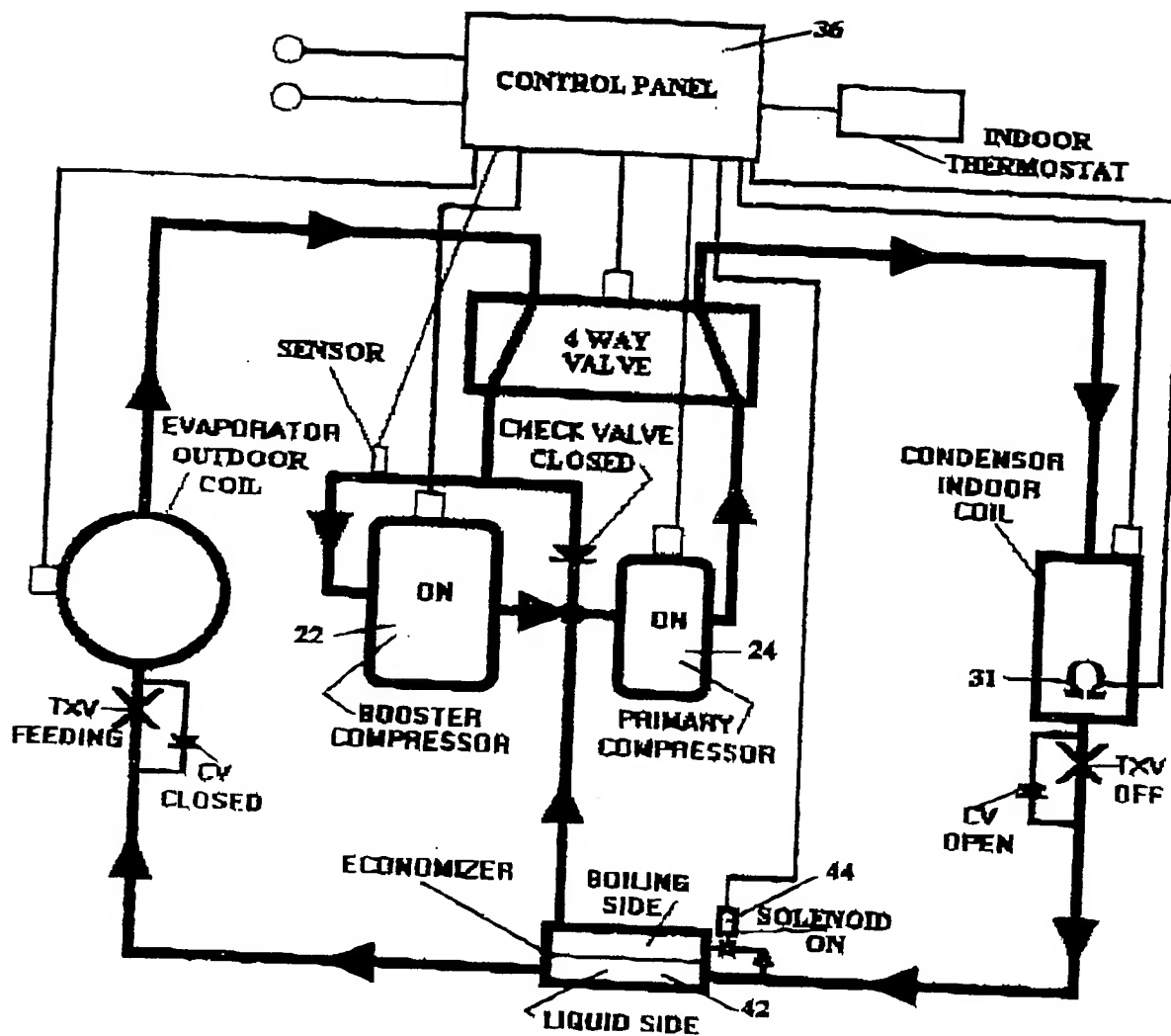
BOOSTER OFF

FIGURE 1



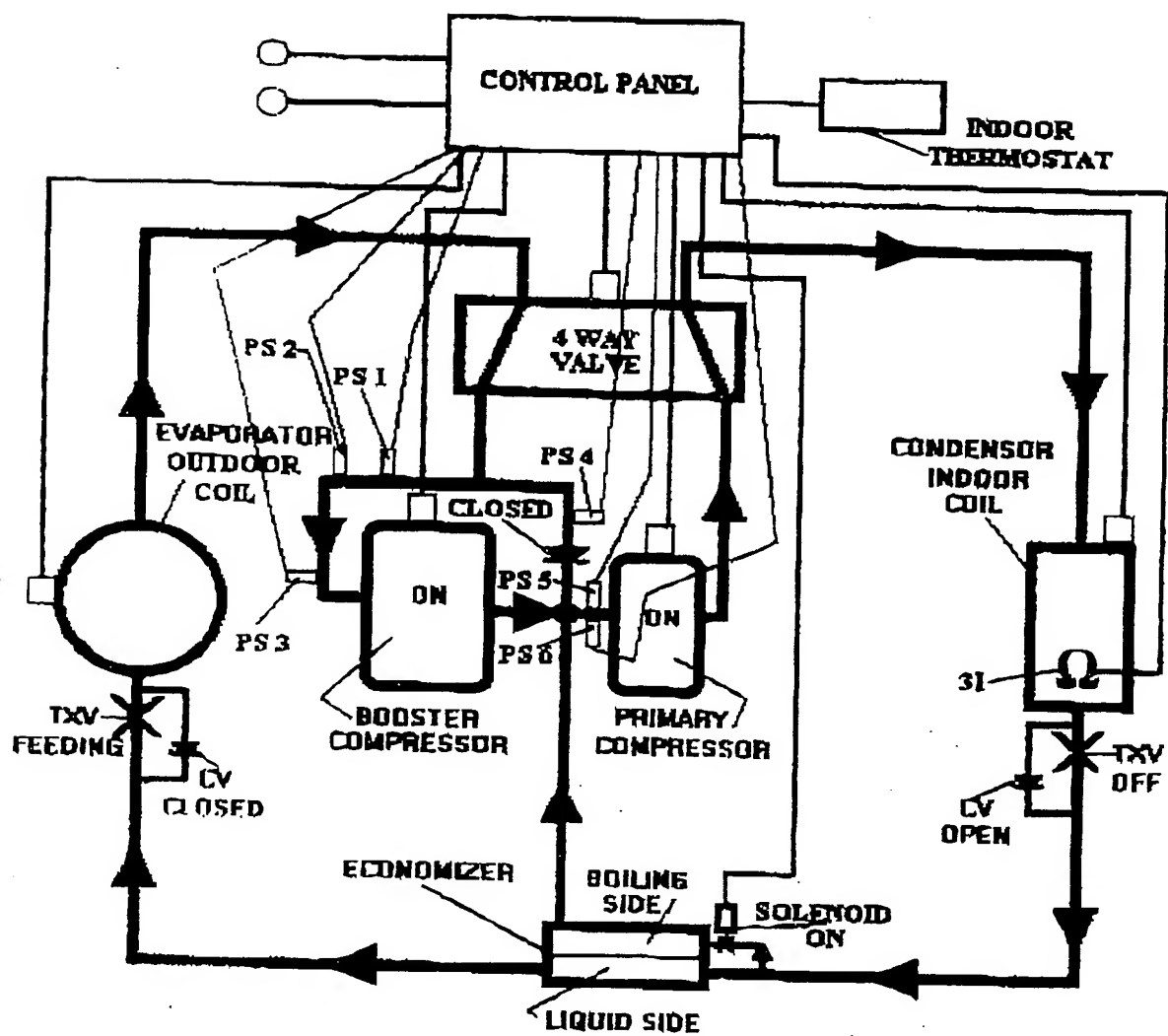
MAXIMUM HEATING MODE
BOOSTER ON

FIGURE 2



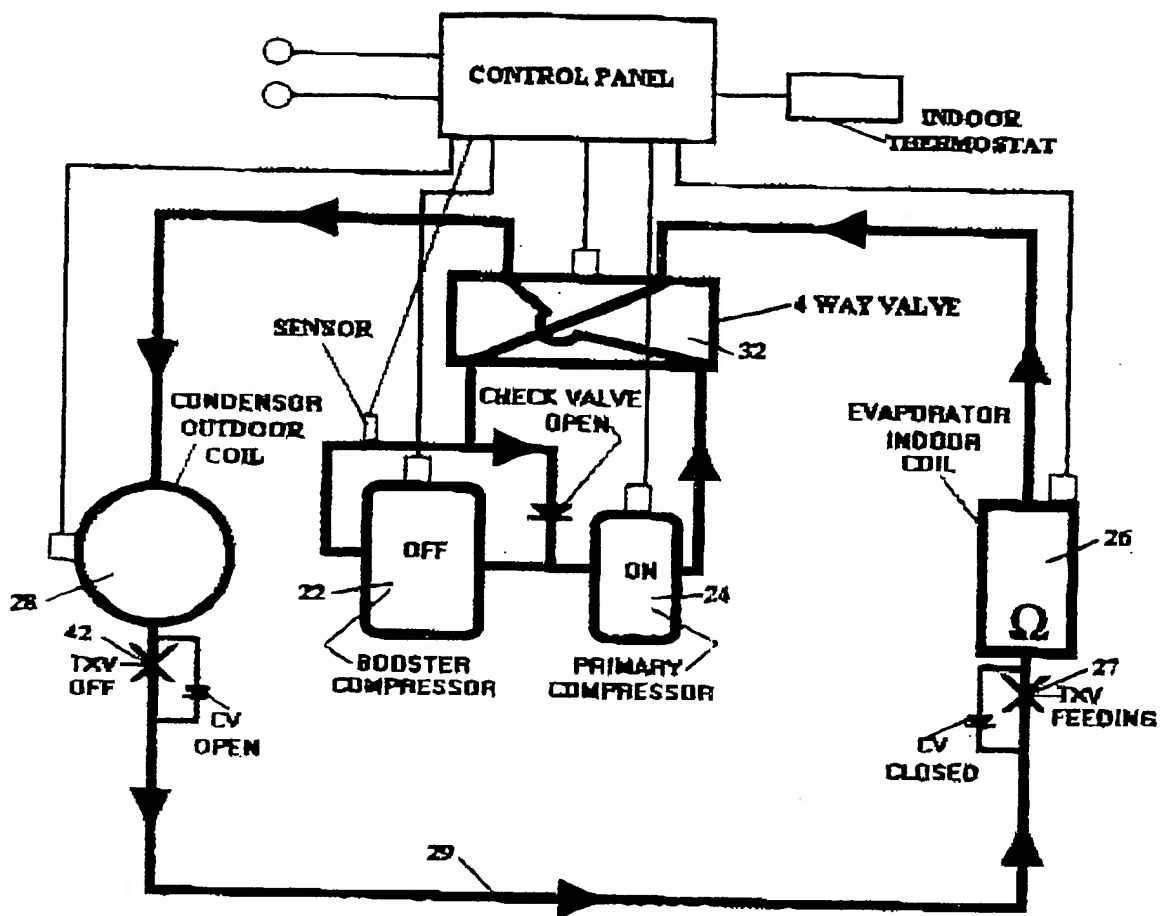
MAXIMUM HEATING MODE
BOOSTER & ECONOMIZER ON

FIGURE 3



MAXIMUM HEATING MODE
BOOSTER & ECONOMIZER ON

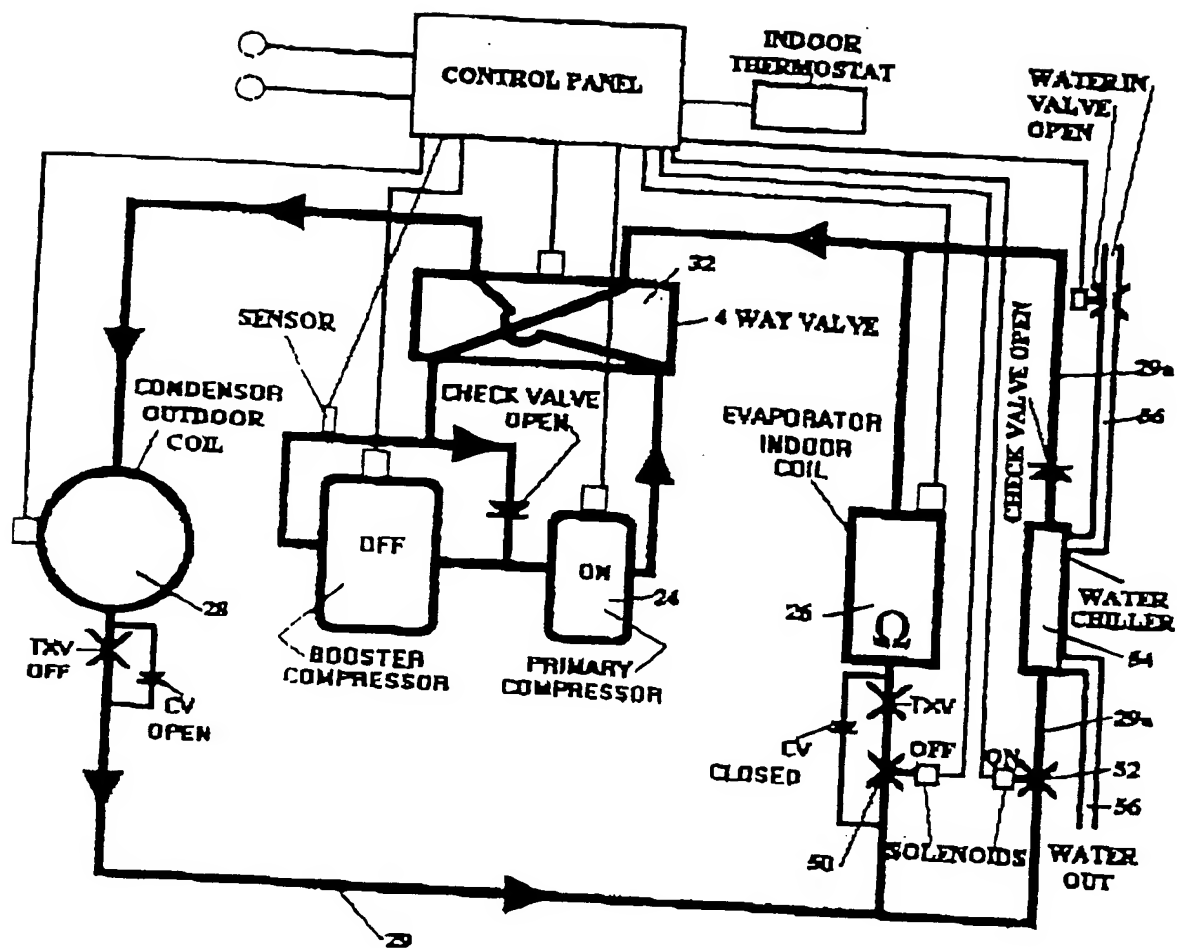
FIGURE 3a



COOLING & NORMAL DEFROST MODES

BOOSTER OFF

FIGURE 4



WATER DEFROST MODE
BOOSTER OFF

FIGURE 5

TYPICAL SYSTEM OPERATING SEQUENCES WITH VARIOUS INDOOR THERMOSTATS

SHOWN OPERATING MODES ARE CALLED BY THE STEPS THAT ARE AVAILABLE ON THE THREE SHOWN INDOOR THERMOSTATS**

VARIOUS SWITCH STEP COMBINATIONS THAT ARE AVAILABLE WITH OVER THE COUNTER THERMOSTATS***	MODE 1 T/S STEP CALLS PARTIAL PRIMARY	MODE 2 T/S STEP CALLS FULL PRIMARY	MODE 3 T/S STEP ADDS THE BOOSTER	MODE 4 T/S STEP ADDS THE ECONOMIZER	MODE 6 T/S STEP ADDS ELECTRIC RESISTANCE
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T1	1C & 2H STEPS AVAIL.	NA	C1 or H1	H2	NA	NA
T2	2C & 2H STEPS AVAIL.	C1	C2 or H1	H2	NA	NA
T3	2C & 3H STEPS AVAIL.	C1	C2 or H1	H2	NA	H3
T3	2C & 3H STEPS AVAIL.	C1 or H1	C2 or H2	H3	NA	NA
T3	2C & 3H STEPS AVAIL.	C1	C2 or H1	H2	H3	NA
T3	2C & 3H STEPS AVAIL.	C1	C2 or H1	H2*	NA	H3

***C1 & C2 MEAN COOLING STEPS 1 & 2. H1, H2, & H3 MEAN HEATING STEPS 1, 2, & 3.

**THE SENSOR (OF LOW SIDE PRESSURE) SHOWN ON FIGURES 1 - 6 PREVENTS UNNECESSARY, INEFFICIENT, AND UNSAFE OPERATION OF MODES 1, 3, 4, & 5 DURING OUTDOOR TEMPERATURES NOT SUITABLE FOR THOSE MODES.

*H2 ALSO CALLS THE ECONOMIZER SIMULTANEOUSLY IN THIS PARTICULAR SEQUENCE.

FIGURE 8